## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.                                   | DATE    |  |  |  |  |  |
|---------------------------|----------|--|---------|--|--|--|--|--|
| FEE DETERMINATION         | TD       |  | 3-14-60 |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | -        | 49                                       | 3/21/00 |  |  |  |  |  |
| FORMALITY REVIEW          | 311      | 66245                                    | 5-1500  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | 1:13-21 |  |  |  |  |  |
|                           |          |  |         |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

| Claim Date           |   |                  |          |                 | Cla              | Claim Date |             |         |          |                    |          |                |          | Cla      | im       |          | Date     |            |         |          |  |          |          |              |                              |          |
|----------------------|---|------------------|----------|-----------------|------------------|------------|-------------|---------|----------|--------------------|----------|----------------|----------|----------|----------|----------|----------|------------|---------|----------|--|----------|----------|--------------|------------------------------|----------|
| Prinal Sir. Driginal | 200   |                  |          |                 |                  | Eg.        | Original    |         |          |                    |          |                |          |          |          |          | -es      | Original   |         |          |  |          |          |              |                              |          |
| القاقا               | 1618  |                  |          |                 |                  | Final      | δ           |         |          |                    |          |                |          |          |          |          | Final    | ō          |         |          |  |          | ļ        |              |                              | 1        |
|                      | 1 1   |                  |          |                 | _ _              |            | 51          | $\bot$  |          | Ш                  |          |                |          |          |          | ╛        | L        | 101        |         |          | L  |          | L.       |              |                              | L        |
|                      |   | $\perp \perp$    |          |                 |                  |            | 52          |         |          |                    |          |                | _        |          |          | _        |          | 102        |         | _        | 上  | _        |          |              |                              | L        |
| $\rightarrow$        | 1   |                  |          | Ш               | Ш                |            | 53          | $\perp$ |          |                    |          |                | _        |          |          | ╛        | L        | 103        |         |          | L  |          | L        |              |                              | L        |
| → -                  | <del>╿</del> ╏╏┤                                  |                  | _        | $\sqcup$        | $\perp$          |            | 54          |         | ↓        |                    |          | _              | _        | _        | _        | 4        | <u> </u> | 104        | _       |          | 上  | _        | _        | _            | $ldsymbol{ldsymbol{\sqcup}}$ | L        |
| 5                    |   | $\perp$          |          | _               |                  | <u> </u>   | 55          | - -     | -        |                    |          |                | _        | 4        | 4        | 4        |          | 105        | 4       | 1        | ╙  | _        | -        |              |                              | Ļ        |
| 7                    | <del>}</del>   -                                  |                  |          | -               | -                | $\vdash$   | 56<br>57    |         | ┼-       | $\left  - \right $ | $\vdash$ | -              | $\dashv$ | 4        | +        | ┥        | $\vdash$ | 106<br>107 | -       | -        | ⊢  | _        | <u> </u> | _            | $\vdash$                     | ╄        |
|                      |   | ++-              | -        | $\vdash \vdash$ | $\dashv$         | -          | 58          | +       | -        | -                  | $\vdash$ | $\dashv$       | $\dashv$ | $\dashv$ | +        | -        | -        | 108        | +       | ⊢        | ⊢  | -        |          | ┝            |                              | ⊢        |
| <del></del>          | <del>\</del>                                      | +-+-             | -        |                 | $\dashv$         | $\vdash$   | 59          | +       | ╁        | Н                  | $\Box$   | $\dashv$       | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\vdash$ | 109        | +       | $\vdash$ | -  | -        | -        | <del> </del> | <del> </del>                 | ╀        |
| 10                   | 7   | ++               | +        | $\vdash$        | $\dashv$         | -          | 60          | +       | $\vdash$ | H                  | $\vdash$ |                | $\dashv$ | -        | +        | $\dashv$ | $\vdash$ | 110        | +       | ┼        | ├  | ⊢        |          |              | H                            | ⊢        |
| Ö                    | <del>†         </del>                             | ++               | +        | +               | +                | -          | 61          | +       | $\vdash$ | Н                  | -        | $\dashv$       | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\vdash$ | 111        |         | ┼─-      | -  |          | $\vdash$ |              | $\vdash$                     | ⊢        |
| 12                   | <del>}      </del>                                | +                |          | -               | $\dashv \dashv$  |            | 62          | +       | +        | Н                  | 1        | $\dashv$       | 十        | -        | $\dashv$ | $\dashv$ | $\vdash$ | 112        | +       | ╁        | ┢  | -        |          |              | H                            | ┢        |
| _                    |   | 11               |          | $\vdash$        | $\dashv$         |            | 63          |         | ╁        | $\vdash$           |          |                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 113        | +       | +        | <del>                                     </del> | $\vdash$ | $\vdash$ |              |                              | $\vdash$ |
| +                    | 7   | <del>     </del> | -        |                 | $\dashv$         | -          | 64          | $\top$  | 1        | Н                  | $\vdash$ |                | $\dashv$ | $\dashv$ | $\dashv$ | 1        |          | 114        | +       | t        | $\vdash$   |          | -        |              |                              | $\vdash$ |
|                      | 7   | +                | 1        | $\sqcap$        | $\dashv$         |            | 65          |         |          | П                  | $\Box$   |                | $\neg$   | 7        | +        | 1        |          | 115        | +       | 1        | m  | -        | İΤ       |              | $\sqcap$                     | $\vdash$ |
|                      | 7   | 11               | 1        |                 | $\neg \neg \neg$ |            | 66          |         |          |                    |          |                | $\neg$   |          | _        | 7        |          | 116        | 1       |          | ┌  | $\vdash$ |          |              |                              | Г        |
| 17                   | 7   |                  | 1        | П               | $\Box$           |            | 67          |         | Т        | П                  |          |                |          |          | T        | 7        |          | 117        | 1       |          | Г  |          |          |              | П                            | Г        |
| 18                   | 7   |                  |          | П               |                  |            | 68          | $\top$  |          |                    |          |                | T        | Ī        |          |          |          | 118        | 1       |          |  |          |          |              | П                            | Γ        |
|                      | 7   |                  |          |                 |                  |            | 69          |         |          |                    |          |                |          |          |          |          |          | 119        | T       |          |  |          |          |              |                              | Γ        |
| 20                   | 7   |                  |          |                 | $\sqcap$         |            | 70          |         | Π        | П                  |          |                | T        | Ī        |          | 7        |          | 120        | 7       | П        | Г  |          |          |              | П                            | Γ        |
| (21)                 | 111   |                  |          |                 |                  |            | 71          |         |          | П                  |          |                | 寸        | _        | $\top$   | 7        |          | 121        | $\top$  |          | Г  |          |          |              |                              | Г        |
|                      | 7 7   |                  |          |                 | $\Box$           |            | 72          |         |          |                    |          | T              |          | $\neg$   |          |          |          | 122        | 1       | Π        |  |          |          |              |                              | Г        |
| 23                   |   |                  |          |                 |                  |            | 73          |         |          |                    |          |                |          |          |          |          |          | 123        |         |          |  |          |          |              |                              | Г        |
| 24                   |   |                  |          |                 |                  |            | 74          |         |          | $\Box$             |          |                |          |          |          |          |          | 124        |         |          |  |          |          |              |                              | Г        |
| 25                   |   |                  |          |                 |                  |            | 75          |         |          |                    |          |                | _[       |          |          |          |          | 125        |         |          |  |          |          |              |                              |          |
| 26                   |   | 11               |          |                 |                  |            | 76          |         | L.       |                    |          | _              | $\perp$  |          | $\perp$  | _        |          | 126        |         |          | 匚  |          |          |              |                              |          |
| 27                   |   | $\perp \perp$    |          |                 | $\perp \perp$    |            | 77          |         | L        | Ш                  |          | ļ              |          |          |          | ╛        |          | 127        |         |          |  |          |          |              |                              | L        |
| 28                   |   | 1                | $\perp$  |                 |                  | <u> </u>   | 78          |         | _        |                    |          | _              | _        | _        |          | 4        | <u> </u> | 128        |         | _        |  | L.,      |          |              |                              | L        |
| 29                   |   | _  _             | -        |                 | $\bot$           | _          | 79          |         |          | Ш                  |          | _              |          | _        | _        | _        |          | 129        | $\perp$ |          | L  |          |          |              |                              | L        |
| 30                   | -   | 4-1-             | 1        |                 |                  |            | 80          |         | <u> </u> |                    | _        | _              | 4        | _        | _        | 4        | $\vdash$ | 130        | igspace | <u> </u> | _  | _        |          |              |                              | L        |
| 31                   |   | 1                | $\bot$   | 1               |                  |            | 81          |         |          | Ш                  | -        | _              | -        | 4        | +        | 4        |          | 131        | _       |          |  |          |          |              |                              | L        |
| 32                   | - -  -  -   | 1-1-             | -        |                 | 44               | -          | 82          | _       | H        |                    |          | 4              | 4        | 4        | +        | 4        | _        | 132        | +       | ┞        | $\vdash$   |          |          |              | 4                            | L        |
| 34                   |   | +                | +        | $\dashv$        | $\dashv$         | -          | 83<br>84    | +       | $\vdash$ | Н                  | $\dashv$ | $\dashv$       | $\dashv$ | 4        | +        | 4        |          | 133        | +       | ╀        | _  |          |          | _            |                              | L        |
| 35                   |   | ╁┼┼              | +        | $\dashv$        | +                | -          | 85          | +       |          | $\square$          | -        | 4              |          | 4        | +        | ┥        | -        | 134        | +       | $\vdash$ | $\vdash$   |          |          |              | $\dashv$                     | ┝        |
| 36                   |   | ++               | +        | $\dashv$        | +                | -          | 86          | +       | $\vdash$ | Н                  | $\dashv$ | +              | $\dashv$ | $\dashv$ | +        | ┨        | _        | 136        | +       | -        | $\vdash$   |          |          |              | $\dashv$                     | ┝        |
| 37                   | -   | ++               | +        | $\dashv$        | +                | -          | 87          | +       | ╀        | H                  | $\dashv$ | $\dashv$       | +        | +        | $\dashv$ | ┥        |          | 137        | +       | $\vdash$ | Н  |          |          | -            | $\dashv$                     | ┝        |
| 38                   | <del>                                      </del> | ++               | +        | $\dashv$        | +-               |            | 88          | +       |          | Н                  | $\dashv$ | -              | -        | +        | ╬        | -        |          | 138        | +       | ⊢        | H  |          |          |              | 1                            | ┝        |
| 39                   | <del>                                      </del> | 1 1              | +        | -               | $\dashv$         |            | 89          | +       | ╁─       |                    | 7        | $\dashv$       | +        | 7        | $\dashv$ | ┨        |          | 139        | +       |          | H  | _        |          | $\dashv$     | ᅱ                            | ┢        |
| 40                   | +++   | 1-1-             | $\top$   | $\top$          | $\dashv$         |            | 90          | 1       | H        | $\Box$             | 寸        | 7              | 十        | 7        | $\dashv$ | 7        | _        | 140        | +       |          | П  |          |          | $\dashv$     | ᅥ                            | 一        |
| 41                   |   | ++               | +        |                 | +                | -          | 91          | +       | ╁╌       |                    | $\dashv$ | $\dashv$       | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\vdash$ | 141        | +       |          |  |          |          | $\dashv$     | ╌┤                           | H        |
| 42                   | <del></del>                                       | ++               |          | $\dashv$        | +                | -          | 92          | +       | H        | $\vdash$           | +        | +              |          | -        | +        | ┨        | H        | 142        | ╁       | -        | Н  |          |          |              |                              | H        |
| 43                   | -+ + +  | ╂═┼═             | 1-1      |                 | +                | $\vdash$   | 93          |         |          | $\vdash$           | -+       | +              | $\dashv$ | +        | -        | ┥        | $\vdash$ | 143        | ┪       |          | Н  |          |          |              |                              | ┝        |
| 44                   | <del> - - -</del>                                 | 1 +              | 1        | +               | +                |            | 94          | _       | H        | H                  | +        | $\dashv$       | +        | +        | +        | 1        | $\vdash$ | 144        | +       |          | $\vdash$   |          | $\vdash$ | $\dashv$     | $\dashv$                     | -        |
| 45                   |   | 1                | 1        | -+              | +                |            | 95          | -       | Н        | $\vdash$           | $\dashv$ | $\dashv$       | $\dashv$ | +        | +        | -        |          | 145        | +       |          | Н  | _        | Н        |              | $\dashv$                     | $\vdash$ |
| 46                   | -   | ++               | 1-1      |                 | 11               |            | 96          | +       | Н        | $\vdash$           | 寸        | +              | $\neg$   | +        | +        | 1        |          | 146        | $\top$  |          | $\vdash$   | -        | $\vdash$ | $\dashv$     | ᅥ                            | Г        |
| 47                   | 111   | 11               | 1        | +               | +                |            | 97          | -       |          | $\Box$             | _        | 7              | _        | ┪        | $\top$   | 1        |          | 147        | +       | !        |  |          | Н        |              | 寸                            |          |
| 48                   | 111   | !                | $\dashv$ |                 | +                |            | 98          | -       | Н        | H                  | +        | +              | $\dashv$ | +        | i        | 7        |          | 148        | $\top$  | 1        |  | -        | $\dashv$ | ᅥ            | ┪                            | Г        |
| 49                   |   |                  |          |                 |                  |            | 99          |         | П        |                    | 1        |                |          | Ť        | 1        | 7        | -        | 149        | 1       |          |  |          |          | 一            | 寸                            | Г        |
| 50                   | <del></del>                                       | <del>   -</del>  |          |                 | -                |            | 99 I<br>100 |         | -        | :                  |          | <del>-</del> ; |          | - 1      |          | -        |          | 149<br>150 |         | -        |  |          |          | -¦           | _                            |          |

If more than 150 claims or 10 actions staple additional sheet here

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